

DS-2XC6244G0-L 4 MP Underwater Network Camera

Dark Fighter















- 316L stainless steel enclosure, protecting cameras to be used in corrosive environments, providing reliability and longevity compared to standard cameras
- IP68: the camera can be used under water up to 15 meters
- H.265+/H.265/H.264+/H.264 encoding: efficient compression technology saves storage space and reduces bandwidth requirements
- DarkFighter technology enables the capture of high quality color images in even the dimmest lighting environments
- True WDR technology provides clear imaging even with strong back lighting





Specification

| Camera | | | |
|-----------------------------|---|--|--|
| Image Sensor | 1/1.8" Progressive Scan CMOS | | |
| Max. Resolution | 2688 × 1520 | | |
| Min. Illumination | Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with Light | | |
| Shutter Time | 1/3 s to 1/100,000 s | | |
| Lens | | | |
| Lens Type | Varifocal lens, 3 to 9 mm | | |
| Focal Length & FOV | 3 to 9 mm, horizontal FOV 87° to 45.8°, vertical FOV 46° to 25.6°, diagonal FOV 104° to 52.4° | | |
| Aperture | F1.0 | | |
| DORI | | | |
| | Wide: D: 55.2 m, O: 21.9 m, R: 11.0 m, I: 5.5 m | | |
| DORI | Tele: D: 124.1 m, O: 49.3 m, R: 24.8 m, I: 12.4 m | | |
| Illuminator | | | |
| Supplement Light Type | White Light | | |
| Supplement Light Range | Up to 10 m | | |
| Video | | | |
| | 50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) | | |
| Main Stream | 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720) | | |
| | 50 Hz: 25 fps (640 × 480, 640 × 360) | | |
| Sub-Stream | 60 Hz: 30 fps (640 × 480, 640 × 360) | | |
| | 50 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) | | |
| hird Stream | 60 Hz: 1 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) | | |
| | Main stream: H.265+/H.265/H.264+/H.264 | | |
| Video Compression | Sub-stream: H.265/H.264/MJPEG | | |
| | Third stream: H.265/H.264 | | |
| Video Bit Rate | 32 Kbps to 8 Mbps | | |
| H.264 Type | Baseline Profile/Main Profile/High Profile | | |
| H.265 Type | Main Profile | | |
| Scalable Video Coding (SVC) | H.264 and H.265 encoding | | |
| Region of Interest (ROI) | 5 fixed regions for each stream | | |
| Target Cropping | Yes | | |
| Network | | | |
| Ductocala | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, | | |
| Protocols | UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour | | |
| Simultaneous Live View | Up to 6 channels | | |
| API | Open Network Video Interface, ISAPI, ISUP 5.0 | | |
| Usar/Hast | Up to 32 users | | |
| User/Host | 3 levels: Administrator, Operator and User | | |
| Network Storage | NAS (NFS, SMB/CIFS), ANR | | |
| Client | iVMS-4200, Hik-Connect | | |
| Web Browser | Plug-in required live view: IE10, IE11 | | |
| ANGN DIOMOGI | Local service: Chrome 57.0+, Firefox 52.0+ | | |



| Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser Day/Night Switch Day, Night, Auto, Schedule Wide Dynamic Range (WDR) 120 dB Image Enhancement BLC, HLC, 3D DNR, defog Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Smart Event Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W Material 316L and anti-corrosion coating |
|---|
| Image Settings adjustable by client software or web browser Day/Night Switch Day, Night, Auto, Schedule Wide Dynamic Range (WDR) Inage Enhancement BLC, HLC, 3D DNR, defog Interface Ethernet Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Wide Dynamic Range (WDR) Image Enhancement BLC, HLC, 3D DNR, defog Interface Ethernet Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Image Enhancement Interface Ethernet Interface I RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Interface Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Built-in memory card slot, support microSD/SDHC/SDXC card, up to 128 GB *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| *You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| On-Board Storage needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| needed. After ordering, the memory card will be installed to product during manufacturing. Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Event Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Basic Event Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Basic Event address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| address conflict, illegal login, HDD full, HDD error) Line crossing detection, intrusion detection, region entrance detection, region exiting detection Smart Event Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Smart Event detection Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Scene change detection, unattended baggage detection, object removal detection General Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| General 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block Power PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Power 36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| Power PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W |
| |
| Material 316L and anti-corrosion coating |
| |
| Dimension 210 mm × 210 mm × 205 mm (8.3" × 8.3" × 8.1") |
| Package Dimension 700 mm × 530 mm × 365 mm (27.6" × 20.9" × 14.4") |
| Weight Approx. 8.300 kg (18.38 lb.) |
| With Package Weight Approx. 12.300 kg (27.12 lb.) |
| Startup and Operating Conditions -30 °C to 60 °C (-22 °F to 140 °F). Humidity 100% or less (non-condensing) |
| 33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian |
| Language Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish |
| Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese |
| Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian |
| General Function Heartbeat, password protection, privacy mask, watermark, IP address filter, mirror |
| Cable Length 15 m (49.2 ft.) (included) |
| Approval |
| FCC: FCC-SDoC (ANSI C63.4, FCC Part15 sub B) CE: CE-EMC (EN 50130-4:2011+A1:2014, EN 55032:2015, EN 61000-3-2:2014, EN |
| 61000-3-3:2013) |
| EMC RCM: AS/NZS 60950.1:2003 + Am1, Am2 and Am3, AS/NZS CISPR 32:2015 |
| IC: IC-VoC (ICES-003 Issue 7:2020) |
| KC: KN 301489-1, KN 301489-17, RRA NOTICE 2017-14 (2017.12.05), RRA NOTICE |
| 2017-19 (2017.12.28) |



| | | UL: UL 62368-1: 2014, CAN/CSA C22.2 No. 62368:2014 |
|--|------------|--|
| | Safety | CB: IEC 62368-1:2014 |
| | | BIS: IS 13252 (Part 1) 2010+A1:2013+A2:2015 |
| | | LOA: SANS IEC60950-1 |
| | Protection | IP68 (IEC 60529-2013) |

Available Model

DS-2XC6244G0-L (3 to 9 mm)

Typical Application

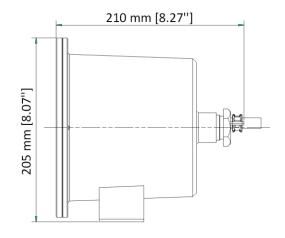
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

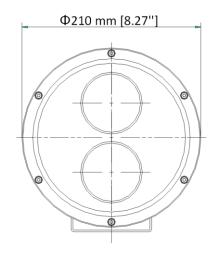
This model has TOP-LEVEL SPECIFIC PROTECTION.

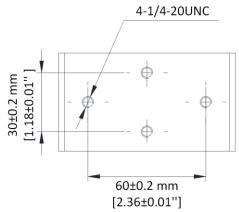
| Level | Description |
|------------------------|---|
| Top-level protection | Hikvision products at this level are equipped for use in areas where professional anti-corrosion |
| | protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more. |
| | 1112121 |
| Moderate protection | Hikvision products at this level are equipped for use in areas with moderate anti-corrosion |
| | demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away |
| | from coastlines, as well as areas affected by acid rain. |
| No specific protection | Hikvision products at this level are equipped for use in areas where no specific anti-corrosion |
| | protection is needed. |



Dimension







- Accessory
- Included





Distributed by

HIKVISION°

Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 overseasbusiness@hikvision.com

Hikvision USA T+1-909-895-0400 sales.usa@hikvision.com

Hikvision Australia T+61-2-8599-4233 salesau@hikvision.com

Hikvision India T+91-22-28469900 sales@pramahikvision.com

Hikvision Canada T+1-866-200-6690 sales.canada@hikvision.com

Hikvision Thailand T +662-275-9949 sales.thailand@hikvision.com Hikvision Europe T +31-23-5542770 sales.eu@hikvision.com

Hikvision Italy T +39-0438-6902 info.it@hikvision.com

Hikvision Brazil T +55 11 3318-0050 Latam.support@hikvision.com

Hikvision Turkey T +90 (216)521 7070- 7074 sales.tr@hikvision.com

Hikvision Malaysia T+601-7652-2413 sales.my@hikvision.com Hikvision UK & Ireland T +01628-902140 sales.uk@hikvision.com

Hikvision South Africa Tel: +27 (10) 0351172 sale.africa@hikvision.com

Hikvision France T +33(0)1-85-330-450 info.fr@hikvision.com

Hikvision Kazakhstan T +7-727-9730667 nikia.panfilov@hikvision.ru

Hikvision Vietnam T +84-974270888 sales.vt@hikvision.com Hikvision UAE T +971-4-4432090 salesme@hikvision.com

Hikvision Singapore T +65-6684-4718 sg@hikvision.com

Hikvision Spain T +34-91-737-16-55 info.es@hikvision.com

Hikvision Tashkent T +99-87-1238-9438 uzb@hikvision.ru

Hikvision Hong Kong T +852-2151-1761 info.hk@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

Hikvision Korea T +82-{0}31-731-8817 sales.korea@hikvision.com

Hikvision Poland T +48-22-460-01-50 info.pl@hikvision.com

Hikvision Indonesia T+62-21-2933759 Sales.Indonesia@hikvision.com

Hikvision Colombia sales.colombia@hikvision.com

© Hikvision Digital Technology Co., Ltd. 2020 | Data subject to change without notice |